Index to Volume 104

ARTHUR, JAMES. On a family of distributions obtained from Eisenstein series I: Application of the Paley-Wiener theorem ... 1243

_____, On a family of distributions obtained from Eisenstein series II: Explicit formulas ... 1289

ASCHBACHER, MICHAEL. $GF(2)$-representations of finite groups ... 683

BACHMUTH, SEYMOUR and HORACE MOCHIZUKI. $E_2 \neq SL_2$ for most Laurent polynomial rings ... 1181

BAILY, WALTER L. JR. Theorems on the finite generation of algebras of modular forms ... 645

BAOUENDI, M. S. and G. MÉTIVIER. Analytic vectors of hypoelliptic operators of principal type ... 287

BAUMSLAG, GILBERT and ELDON DYER. The integral homology of finitely generated metabelian groups I ... 173

BLACKADAR, BRUCE E. and JOACHIM CUNTZ. The structure of stable algebraically simple C^*-algebras ... 813

BOUSFIELD, A. K. On homology equivalences and homological localizations of spaces ... 1025

CALABI, EUGENIO. Hypersurfaces with maximal affinely invariant area ... 91

CAPPELL, SYLVAIN E. and JULIUS L. SHANESON. The topology of linear representations of groups and subgroups ... 773

CHANG, SUN-YUNG A. and ROBERT FEFFERMAN. The Calderón-Zygmund decomposition on product domains ... 455

CHENG, CHARLES CHING-AN and ROMAN W. WONG. Hereditary monoid rings ... 935

CUNTZ, JOACHIM. See Bruce E. Blackadar and Joachim Cuntz, page 813.

DAVIS, DONALD M. and MARK MAHOWALD. The nonrealizability of the quotient $A//A_2$ of the Steenrod algebra ... 1211

DAVIS, MICHAEL W. Some group actions on homotopy spheres of dimension seven and fifteen ... 59

DYER, ELDON. See Gilbert Baumslag and Eldon Dyer, page 173.

FEFFERMAN, ROBERT. See Sun-Yung A. Chang and Robert Fefferman, page 455.

GUNNING, ROBERT C. On generalized theta functions ... 183

HARVEY, REESE and H. BLAINE LAWSON, JR. Calibrated foliations (foliations and mass-minimizing currents) ... 607

HERB, REBECCA A. Fourier inversion and the Plancherel theorem for semi-simple real Lie groups 9
HUNEKE, CRAIG. Linkage and the Koszul homology of ideals 1043
LANGEVIN, RÉMI and THEODORE SHIFRIN. Polar varieties and integral geometry 553
LASCAR, B. Propagation des singularités pour des équations hyperboliques a caractéristique de multiplicité au plus double et singularités masloviennes 227
LAWSON, H. BLAINE JR. See Reese Harvey and H. Blaine Lawson, Jr., page 607.
LEMPERT, LÁSZLÓ. Imbedding strictly pseudo convex domains into a ball 901
MAHOWALD, MARK. See Donald M. Davis and Mark Mahowald, page 1211.
MATSUSAKA, T. On polarized varieties of dimension 3(III) 449
MAULDIN, R. DANIEL. One-to-one selections-marriage theorems 823
MÉTIVIER, G. See M. S. Baouendi and G. Métivier, page 287.
MILNE, STEPHEN C. A generalization of Andrews' reduction formula for the Rogers-Selberg functions 635
MOCHIZUKI, HORACE. See Seymour Bachmuth and Horace Mochizuki, page 1181.
NAG, SUBHASHIS. Non-geodesic discs embedded in Teichmüller spaces 399
NICHOLS, W. and B. WEISFEILER. Differential formal groups of J. F. Ritt 943
NOGUCHI, JUNJIRO and TOSHIKAZU SUNADA. Finiteness of the family of rational and meromorphic mappings into algebraic varieties 887
PENGELLEY, DAVID J. The homotopy type of *MSU* 1101
PERKO, LAWRENCE M. Families of symmetric periodic solutions of Hill's problem I: First species periodic solutions for $C \ll -1$ 321
_____, Families of symmetric periodic solutions of Hill's problem II: Second species periodic solutions for $C \ll -1$ 353
PHONG, D. H. and E. M. STEIN. Some further classes of pseudo-differential and singular-integral operators arising in boundary-value problems I: Composition of operators 141
PRESTINI, ELENA. On the two proofs of pointwise convergence of Fourier series 127
RALLIS, STEPHEN. Langlands' functoriality and the Weil representation 469
RATIU, TUDOR. Euler-Poisson equations on Lie algebras and the n-dimensional heavy rigid body 409

RAWNSLEY, JOHN and SHLOMO STERNBERG. On representations associated to the minimal nilpotent coadjoint orbit of $SL(3, \mathbf{R})$ 1153
ROHRLICH, DAVID E. Root numbers of Hecke L-functions of CM fields 517
ROSEN, KENNETH. L-series for quadratic forms at $s = 1$, I: Application of a theorem of Sohngen 905
_____, L-series for quadratic forms at $s = 1$, II: The modular functions that arise 919
SAKAI, FUMIO. Enriques classification of normal Gorenstein surfaces . 1233
_____, Curves with trivial dualizing sheaf on algebraic surfaces 1217
SALLY, JUDITH D. Fibers over closed points of birational morphisms of nonsingular varieties 545
SHAKIBAN, CHEHRZAD. An invariant theoretic characterization of conservation laws 1127
SHANESON, JULIUS L. See Sylvain E. Cappell and Julius L. Shaneson, page 773.
SHIFRIN, THEODORE. See Rémi Langevin and Theodore Shifrin, page 553.
SIMEN, DAVID. R^k actions on manifolds 1
STEIN, E. M. See D. H. Phong and E. M. Stein, page 141.
STERNBERG, SHLOMO. See John Rawnsley and Shlomo Sternberg, page 1153.
SUNADA, TOSHIKAZU. Trace formula and heat equation asymptotics for a non-positively curved manifold 795
_____, See Junjiro Noguchi and Toshikazu Sunada, page 887.
TSUSHIMA, RYUJI. On the spaces of Siegel cusp forms of degree two.. 843
WANG, S. P. On the Mautner phenomenon and groups with property (T) 1191
WEISFEILER, B. See W. Nichols and B. Weisfeiler, page 943.
WEIT, YITZHAK. On spectral synthesis in a non-commutative locally compact group 779
WONG, ROMAN W. See Charles Ching-An Cheng and Roman W. Wong, page 935.
YANG, PAUL C. Automorphism of tube domains 1005
YAU, STEPHEN S.-T. $s^{(n-1)}$ invariant for isolated n-dimensional singularities and its application to moduli problem 829
_____, Various numerical invariants for isolated singularities..... 1063
ZARISKI, OSCAR. Dimension-theoretic characterization of maximal irreducible algebraic systems of plane nodal curves of a given order n and with a given number d of nodes 209